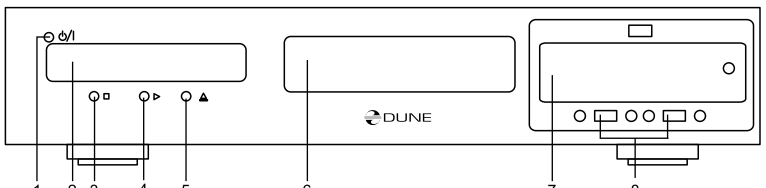
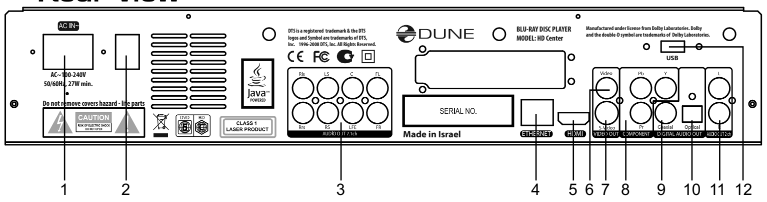
Exterior

Front view



1. Standby Indicator
2. Display
3. STOP Button
4. PLAY Button
5. OPEN/CLOSE
6. Blu-Ray tray
7. Mobile rack
8. USB 2.0

Rear view



1. AC Power Jack
2. On/Off Button
3. 7.1 Channel Audio Output Jacks
4. LAN
5. HDMI 1.3 Jack
6. Video Output (CVBS) Jack
7. S-Video Output Jack
8. Component Video (Y, PB, PR) Output Jacks
9. COAXIAL Output Jack
10. OPTICAL Output Jack
11. Stereo Audio Left/Right Output Jacks
12. USB 2.0

Player features:

Blu-Ray discs playback

- BD-ROM (Profile 1.1/2.0), as well as DVD and CD.

Media content playback

- Video, Music and Pictures.

Network drive operation

- NFS, SMB and some other HTTP clients.

Mobile rack with SATA Direct Link for fast and easy HDD exchange

- Supports any audio and video collection on any number of hard discs w/o need to create expensive multi-disc NAS solutions. Any 3.5" SATA HDDs can be used.

HDMI v1.3

- Up-to-date HDMI v1.3 interface ensures peerless quality of digital video and audio signal.

Three USB 2.0 ports

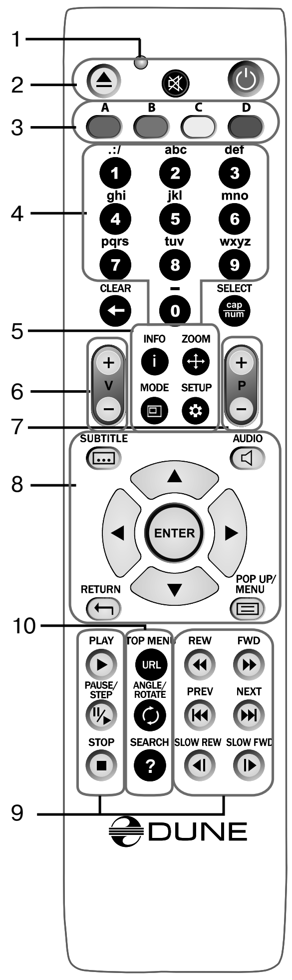
- Three high-speed USB 2.0 ports ensure an easy-to-use playback of media content from such external data storage devices, as USB-HDD, flash drives, cardreaders, etc.

Upgradeability

- availability of connection of optional modules: Wi-Fi 802.11n, Ethernet 1000 Mb/s and 2 x eSATA

Remote Control (RC)

1) Command indicator (i.e. indicator of remote control response to button pressing)
2) **EJECT, MUTE, POWER** – opening/closing of disk tray, sound on/off and standby mode on/off, respectively
3) **A**(Red) - **INFO**, **B**(Green) - **ZOOM**, **C**(Yelow) - **MODE**, **D**(Blue) - **SETUP** – control menu buttons for setting of internal functions, as well as some playback modes.
4) **0 - 9** – numeric buttons. Allow controlling of player in playback mode, as well as text entry.
5) **INFO, ZOOM, MODE, SETUP** – control menu buttons, allow setting of internal functions, as well as some playback modes.
6) **Vol+** / **Vol-** – volume adjusting
7) **Page Up** / **Page Down** – for scrolling up and down to see and change settings.
8) **SUBTITLE, AUDIO, RETURN, POP UP/MENU, ENTER** and control menu buttons **UP, DOWN, RIGHT, LEFT** – to control main player modes and cursor motions through file browser.
9) **PLAY, PAUSE, STOP, REW, FWD, PREV, NEXT, SLOW REW, SLOW FWD** – media file playback control buttons.
10) **TOP MENU/URL, ANGLE/ROTATE, SEARCH** – control menu buttons, allow setting of internal functions, as well as some playback modes.



Some buttons may have several functions, depending on mode. For more details visit: http://www.HDI.co.il/manuals.

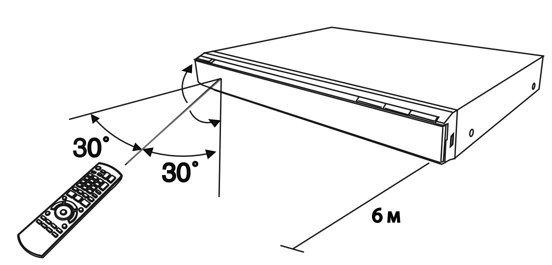
Note:

- Use alkaline AA batteries.
- Observe polarity when inserting batteries.
- Direct the remote control to the player. There must be no obstacles between the RC and the player. If the player is installed inside a desk with tinted glass, the manufacturer may not guarantee an undisturbed functioning of RC.
- If RC functions only at short distances or stopped functioning, make sure to replace batteries to new ones.

Effective distance of the remote control transmitter

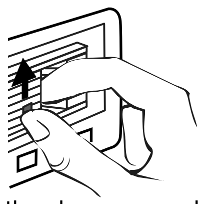
Note:

- When there is an obstacle between the player and the transmitter, the transmitter may not operate.
- When direct sunlight, an incandescent lamp, fluorescent lamp or any other strong light shines on the REMOTE SENSOR of the Player, the remote operation may be unstable.

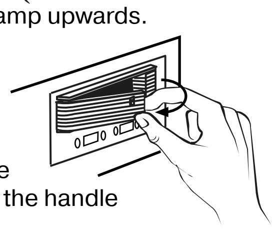


Operations with HDD

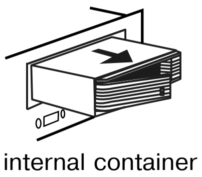
How to take out the HDD.



1. Shift the clamp upwards.

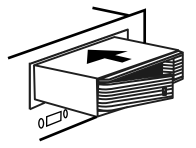


2. Keeping the clamp, turn the handle outside

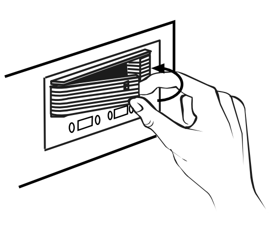


3. Pull out the internal container from a player

How to insert the HDD

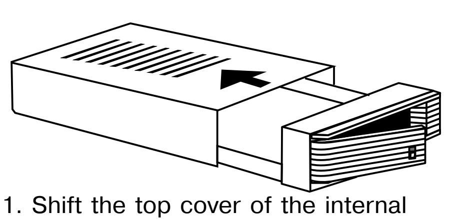


1. Having convinced that the container handle is slightly opened, insert the internal container and push it inside all the way.

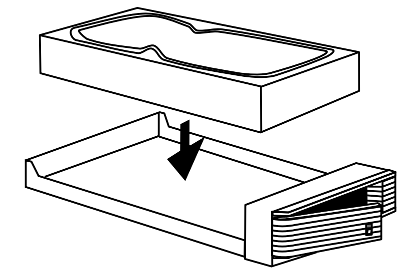


2. Turn the handle inside till the clamp clicks.

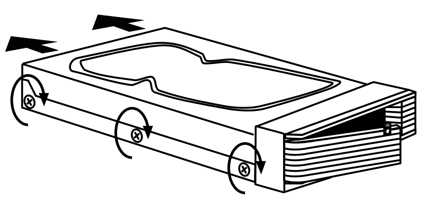
How to change the HDD in the internal container



1. Shift the top cover of the internal container in an arrows direction.

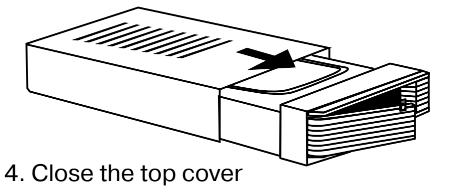


2. Insert the HDD into the internal container.



3. Be convinced that the HDD is densely pressed to a rear side of the container and fixed to an emphasis.

Only such placing provides correct functioning of the device.



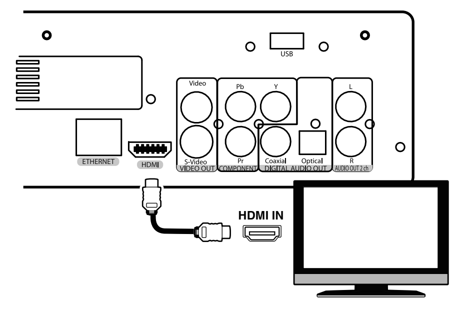
4. Close the top cover of the internal container.

Connection to a TV set with HDMI/DVI output:

Since Dune HD Center is designed first of all for playback of high definition (HD) video (up to 1080p), the best way of signal transmission from player to a TV set or projector is the HDMI interface. In this case, video and audio streams are transmitted in digital form, without losses, allowing enjoying excellent picture and sound. It is recommended to connect the player to any compatible equipment using original DUNE HDMI cable (option).

✓ If your TV set has no HDMI socket, but it is equipped with DVI one, you can use an original DUNE HDMI-DVI adapter (to be connected to HDMI-HDMI cable) or Dune HDMI-DVI cable (no adapter needed). In this case, transmission of audio stream is only available separately, from an analog audio or digital optical output.

1) Make sure that the player and the TV set are switched off. Do not switch on until the end of connection procedure.
2) Connect the HDMI output of the player with appropriate HDMI/DVI input of the TV set using a HDMI-HDMI cable for HDMI input of your TV set, or HDMI-DVI cable or HDMI-HDMI cable with HDMI-DVI adapter, for DVI input of your TV set.
3) Using RC of TV or projector (depending on what you use), select required input and display mode. For more instructions please refer to the manual of your displaying equipment.

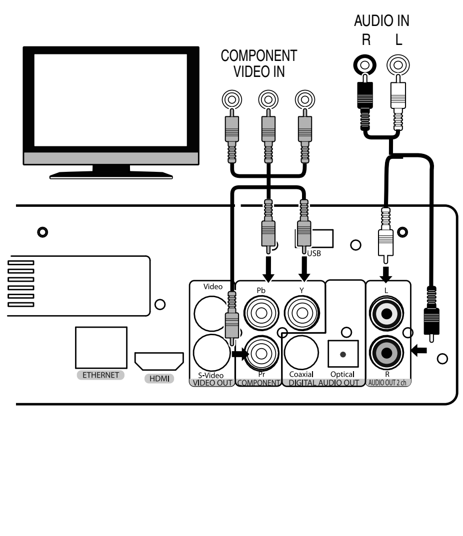


4) Wait until you see a picture on screen of your TV (or projection) set received from the player.

Connection to a TV set with component video signal input (Component Video, Y, Cb, Cr)

For this connection you should use a 3RCA-3RCA video cable and (optionally) a 2RCA-2RCA audio cable for sound transmission to your TV set. Please note that video cable shall have an impedance of 75 Ohm, i.e. specially fitted for transmission of analog video signal.

1) Make sure that the player and TV set are switched off. Do not switch on until the end of connection procedure.
2) Connect the component video output of media player with relevant TV input using a 3RCA-3RCA cable.
3) Optionally connect audio output AUDIO L R of the player with relevant input of TV set using a 2RCA-2 RCA cable (note: you can use optical cable to transmit digital audio to your A/V receiver; this way better audio quality result may be expected).
4) Using RC of TV or projector (depending on what you use), select required input and display mode. For more instructions please refer to the manual of your displaying equipment.





Dune HD Center

Quick guide

HDI
High Definition Israel

www.HDI.co.il

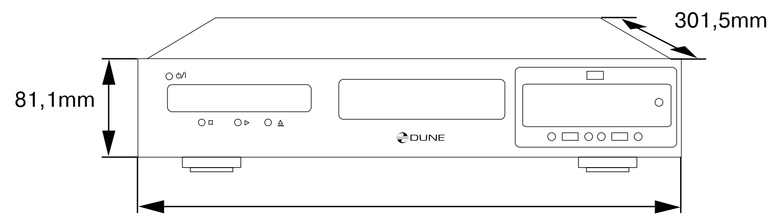
DUNE

To get the full version of the instruction please visit:
http://www.HDI.co.il/manuals

DUNE HD Center specifications

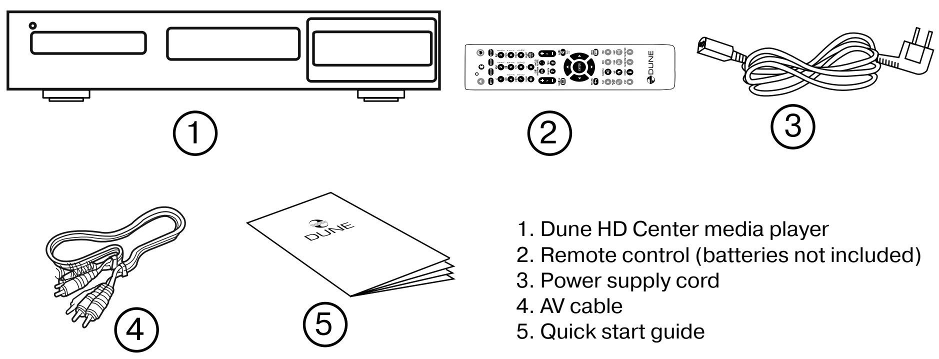
Optical discs	BD-ROM, BD-R (RE), DVD-ROM, DVD-R (RW), CD, CD-R (RW)
Video file formats	MKV, MPEG-TS, MPEG-PS, M2TS, VOB, AVI, MOV, MP4, QT, ASF, WMV, DVD-ISO, VIDEO_TS
Video compression algorithms	MPEG2, MPEG4, DivX, XVID, WMV9, VC1, H.264
Audio formats	DD: AC3 (DD), EAC3 (DD+), Dolby True HD [lossless]; DTS: DTS HD High Resolution Audio (HRA), DTS HD Master Audio (MA) [lossless], decoding in PCM/analog, Bitstream on HDMI1.3.
Digital images	JPG, PNG, BMP
Subtitle formats	Plain text, SSA/AAS (MKV containers), SRT (with any supported video file format), VOB
Processor	Sigma Designs 8634 SoC
System memory	RAM: 384 Mb ROM: 64 Mb (for control microprogramm) 1GB NAND flash
Available picture modes through HDMI v1.3	● 480i, 480p (60 Гц) ● 576i, 576p (50 Гц) ● 720p (50 Гц, 60 Гц) ●1080i (50 Гц, 60 Гц) ●1080p (24 Гц, 25 Гц, 30 Гц, 50 Гц, 60 Гц) ●1024x768, 1280x1024, 1280x768, 1280x960, 1360x768, 1366x768, 1400x1050, 1440x900, 1600x1200, 1680x1050, 1920x1200 (60 Гц)
Analog video output	Component (Y, Pb, Pr), S-Video, composite (CVBS)
Audio output	Digital: optical Toslink and Coaxial, analog: 7.1 output and stereo 2RCA
USB 2.0 ports	3 x USB Host
LAN connection	LAN Ethernet 100 Mbit/sec Wi-Fi
Size, mm	430mm (width) x 270mm (depth) x 50mm (height)

DUNE HD Center dimensions



** Note: Files with specific coding features or specific combinations of containers/codecs may not be played, or played with limitations or improperly. Follow release of firmware updates (control micro-programs). Firmware update may resolve problems of playback of some files. This procedure may be made by the user or by a technician of post-sales service center.*
*** Note: basic modes of music files playback are currently supported (single file playback, M3U and PLS play lists are supported). More advanced mechanisms will be available in future firmware releases.*
**** Note: only very basic mode of picture viewing is currently supported (single picture view only). More advanced mechanisms, including slide shows, will be available in future firmware releases.*

Package contents:



1. Dune HD Center media player
2. Remote control (batteries not included)
3. Power supply cord
4. AV cable
5. Quick start guide

Safety measures

To avoid troubles, before to start using this device, please read this manual carefully and keep it for future reference.

Warning: This Blu-ray player uses a laser beam sightless with human eye. If directed to human eye retina, it may cause hazardous radiation exposure and loss of sight. Please make sure that you use the player in conformity with the user's manual. Please make sure that the device is out of reach of small children as far as possible.

Caution: This product employs a laser system. Performing adjustments, or carrying out procedures other than those specified herein may result in hazardous radiation exposure. Do not open the safety enclosure: this product does not contain any parts that can be repaired by the user.

1) Do not try to repair the device. Only authorized after-sales centers are entitled to carry out repair and preventive maintenance.
2) To avoid electric shock, do not touch the plugged in device with wet hands and do not allow moisture within the case. If it happened, immediately unplug the device and contact an authorized Dune service center.
3) Clean the device only with a dry soft cotton, or alike, cloth preventing accumulation of static discharges. Do not use any liquid detergent or scouring powder. In case of hard dirt, use special wipes suitable for PC care. Make sure that the wipe is dry enough (otherwise fluid drops may get inside).
4) The device is for indoor use only. Do not expose it to direct sunlight, do not leave it near a heater or radiator.
5) DO NOT use the device in rooms with high humidity.
6) DO NOT plug in the player immediately after moving it from a cold into a warm place. If you move the device from an extremely cold place, unpack it and leave for 1.5 to 2 hours in order to allow evaporation of condensate on internal parts, afterwards you may start using it.
7) Please make sure to switch off all relevant AV equipment before connection to the Blu-ray media player.
8) Use EU-standard screened cables and sockets.